



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Yasuno et al.
Serial No. : 10/529,713
Filed : March 29, 2005
Title : OLIGONUCLEOTIDES FOR GENOTYPING THYMIDYLATE SYNTHASE GENE

Art Unit : Unknown
Examiner : Unknown

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached Form PTO-1449. Copies of references AB – AD, AI, AK, and AO - AQ, are not provided as they were cited in the International Search Report, and thus should have been provided directly by the WIPO under the exchange program between the USPTO, the EPO and the JPO. A copy of the International Search Report can be provided upon request.

This statement is being filed before the receipt of a first Office Action on the merits. No fee is believed to be necessary. Apply any charges or credits to Deposit Account No. 06-1050, referencing Attorney Docket No. 18201-003US1.

Respectfully submitted,

Date: 11/22/05

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 18201-003US1	Application No. 10/529,713
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Yasuno et al.	
		Filing Date March 29, 2005	Group Art Unit

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AB	WO 01/36686 A2	05/25/2001	WO				
	AC	WO 00/23112 A1	04/27/2000	WO				
	AD	EP 1207210 A1	05/22/2002	EP				
	AE							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AF	Danenberg, "Thymidylate Synthetase – A Target in Cancer Chemotherapy" <i>Biochimica et Biophysica Acta</i> . Vol. 473:73-92 (1977)
	AG	Etienne et al., "Prognostic Value of Tumoral Thymidylate Synthase and p53 in Metastatic Colorectal Cancer Patients Receiving Fluorouracil-Based Chemotherapy: Phenotypic and Genotypic Analyses" <i>Journal of Clinical Oncology</i> Vol. 20:2832-2843 (2002)
	AH	Heidelberger, et al., "Fluorinated Pyrimidines, A New Class of Tumour-Inhibitory Compounds" <i>Nature</i> Vol. 179:663-666 (1957)
	AI	Horie et al., "Functional analysis and DNA polymorphism of the tandemly repeated sequences in the 5'-terminal regulatory region of the human gene for thymidylate synthase." <i>Cell Struct Funct.</i> Vol. 20:191-197 (1995)
	AJ	Horie et al., "Characterization of regulatory sequences and nuclear factors that function in cooperation with the promoter of the human thymidylate synthase gene" <i>Biochimica et Biophysica Acta</i> . Vol. 1216:409-416 (1993)
	AK	Kawakami et al., "Polymorphic tandem repeats in the thymidylate synthase gene is associated with its protein expression in human gastrointestinal cancers." <i>Anticancer Research</i> Vol. 19:3249-52 (1999)
	AL	Kawakami et al., "Different Lengths of a Polymorphic Repeat Sequence in the Thymidylate Synthase Gene Affect Translational Efficiency but Not Its Gene Expression" <i>Clinical Cancer Research</i> Vol. 7:4096-4101 (2001)
	AM	Krajcinovic et al., "Polymorphism of the thymidylate synthase gene and outcome of acute lymphoblastic leukaemia" <i>The Lancet</i> Vol. 359:1033-1034 (2002)
	AN	Luo et al., "Length polymorphism of thymidylate synthase regulatory region in Chinese populations and evolution of the novel alleles." <i>Biochemical Genetics</i> Vol. 40:41-51 (2002)
	AO	Luo et al., EMBL Accession No. AF279907 (2001)
	AP	Marsh et al., "Ethnic variation in the thymidylate synthase enhancer region polymorphism among Caucasian and Asian populations." <i>Genomics</i> Vol. 58:310-312 (1999)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	Marsh et al., EMBL Accession No. AF127519 (1999)
	AR	Park et al., "Thymidylate synthase gene polymorphism predicts response to capecitabine in advanced colorectal cancer" <i>Int J Colorectal Dis</i> Vol.17:46-49 (2002)
	AS	Peters et al., "Induction of thymidylate synthase as a 5-fluorouracil resistance mechanism" <i>Biochimica et Biophysica Acta</i> Vol. 1587:194-205 (2002)
	AT	Pullarkat et al., "Thymidylate synthase gene polymorphism determines response and toxicity of 5-FU chemotherapy" <i>The Pharmacogenomics Journal</i> Vol. 1:65-70 (2001)
	AU	Ulrich et al., "Thymidylate Synthase Promoter Polymorphism, Interaction with Folate Intake, and Risk of Colorectal Adenomas" <i>Cancer Research</i> Vol. 62:3361-3664 (2002)
	AV	von Ahsen et al. "DNA Base Bulge vs. Unmatched End Formation in Probe-based Diagnostic Insertion/Deletion Genotyping: Genotyping the <i>UGT1A1</i> (TA) _n Polymorphism by Real-Time Fluorescence PCR" <i>Clinical Chemistry</i> Vol. 46:1939-1945 (2000)
	AW	GenBank Accession No. AF279906, "Homo sapiens thymidylate synthase (TSER) gene, TSER-3 allele, partial sequence." (2000)

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